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| App | lica | tion/Co | ntrol | No. |
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Applicant(s)/Patent under Reexamination

10/772,867 Examiner

LIAO ET AL. Art Unit

Dalei Dong

2879

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Ν | Non-Elected  |
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|   | Interference |

| Α | Appeal   |   |  |
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| Final    | Original | 9/15/05  |  |  |  |  |  |  |  |              |   | Final    | Original |                 |          |          |               |              |          |   |
| 1        | 1        | 0,   |  |  |  |  | _  |  | _  |              |   |          | 51       | $\Box$          | _        |          | _             | _            | _        | L |
| 2        | 2        |  | -  | -  | $\vdash$   |  | -  |  | $\vdash$   | $\vdash$     |   |          | 52       | -               |          |          | -             | -            | -        | 十 |
| 3        | 3        |  | -  | -  | -  | $\vdash$   | -  | $\vdash$   | $\vdash$   | $\vdash$     |   |          | 53       |                 | -        |          | -             | -            | -        | ╁ |
| 8        | 4        |  | -  |  | -  |  | $\vdash$   |  | H  | ┝            |   |          | 54       | $\vdash$        | $\dashv$ |          | <del> </del>  | -            | -        | ╁ |
| 9        | 5        |  | -  | -  | ⊢  | _  | $\vdash$   | H  | $\vdash$   | ┝            |   | _        | 55       |                 |          |          | -             | -            | -        | ╁ |
|          |          | -  | <del> </del>                                     | ⊢  | $\vdash$   | _  | $\vdash$   | $\vdash$   | $\vdash$   | ⊢            |   |          | 56       | -               |          |          | ┝             | ├            | $\vdash$ | ╁ |
| 10       | 6<br>7   | -  | -  | -  | ⊢  | _  | $\vdash$   |  | $\vdash$   | <del> </del> |   |          | 57       | -               | -        |          | ⊢             | -            | $\vdash$ | ╀ |
|          |          | -  | -  | -  | -  | _  | -  |  | -  | -            |   |          |          | $\vdash$        | -        |          | -             | -            | ┢        | ╁ |
| 12       | 8        | -  | -  | _  | -  | -  | $\vdash$   |  | $\vdash$   | $\vdash$     |   |          | 58<br>59 |                 |          |          | <del> -</del> | -            | ├        | ╀ |
| 13       | 9        | H  | $\vdash$   | <del> </del>                                     | -  |  | ⊢  | -  | <u> </u>   | ⊢            |   |          |          | $\vdash$        | _        |          | -             | -            | ├        | ╁ |
| 14       | 10       | H  | ⊢  | ⊢  | $\vdash$   | <u> </u>   | <u> </u>   |  | <u> </u>   | ļ            |   | <u> </u> | 60       | $\vdash$        | -        |          | <u> </u>      | ⊢            | ├-       | ╀ |
| 4        | 11       | -  | <u> </u>   | <u> </u>   | ⊢  | <u> </u>   | ⊢  | _  | <u> </u>   |              |   |          | 61       | $\vdash$        | -        |          | <u> </u>      | ⊢            | ┝        | ╀ |
| 5        | 12       | <u> </u>   | <u> </u>   |  | <u> </u>   |  | L  |  | L  | <u> </u>     |   |          | 62       | $\vdash$        |          |          | _             | <del> </del> | -        | ╀ |
| 6        | 13       | _  | _  | <u> </u>   | <u> </u>   |  | <u> </u>   |  | Ш  | <b> </b>     |   |          | 63       | $\vdash$        | _        |          | <u> </u>      | _            | -        | ╀ |
| 7        | 14       | <u> </u>   | _  | ļ  | <u> </u>   | <u> </u>   | L  |  | _  | L            |   |          | 64       | Ш               | _        |          | <u> </u>      | _            | _        | Ļ |
| 15       | 15       |  | _  | L_   | _  |  | _  |  | $\vdash$   | <u> </u>     |   |          | 65       |                 | _        |          | <u> </u>      | L            |          | ╀ |
| 16       | 16       |  | <u> </u>   |  | L.   | _  | <u> </u>   | _  |  | <u> </u>     |   |          | 66       | $\vdash$        | _        |          | <u> </u>      | _            | _        | Ļ |
| 17       | 17       | L.   | L  | L  | _  | _  | _  |  | L.,  |              |   |          | 67       | Ш               | _        |          | <u> </u>      | _            |          | Ļ |
| 18       | 18       | L_   | $oxed{oxed}$                                     | Ļ  |  |  | _  | <u></u>  | _  | _            |   |          | 68       | Ш               | _        |          | _             |              | <u> </u> | Ļ |
| 19       | 19       | _  | <u> </u>   | L  | <u></u>  | L  | _  |  |  |              |   |          | 69       | Ш               | _        |          |               |              | L_       | L |
| 20       | 20       |  |  | L  | L  |  | _  |  |  |              |   |          | 70       |                 |          |          | _             |              | _        | L |
| 21       | 21       |  | L  | _  |  | <u></u>  | <u> </u>   |  |  |              |   | L        | 71       |                 |          |          | L             |              |          | L |
| 22       | 22       |  |  | _  | $oxed{oxed}$                                     |  | <u> </u>   | _  |  |              |   |          | 72       |                 |          |          |               |              | L        | L |
|          | 23       |  | <u> </u>   |  |  |  |  |  |  | <u> </u>     |   | L        | 73       |                 |          |          |               |              |          | L |
|          | 24       |  |  |  |  |  |  |  |  |              |   |          | 74       |                 |          |          |               |              |          |   |
|          | 25       |  |  |  |  |  |  |  |  |              |   |          | 75       |                 |          |          |               |              |          |   |
|          | 26       |  |  |  |  |  |  |  |  |              |   |          | 76       |                 |          |          |               |              |          | Γ |
|          | 27       |  |  | Π  |  |  |  |  |  |              |   |          | 77       |                 |          |          |               | Π.           |          |   |
|          | 28       |  |  |  |  |  |  |  |  |              |   |          | 78       |                 |          |          |               |              | Ī        | Γ |
|          | 29       |  |  |  |  |  |  |  |  |              |   |          | 79       |                 |          |          |               |              |          | Γ |
|          | 30       |  |  |  |  |  |  |  |  |              |   |          | 80       | П               |          |          | П             |              |          | Γ |
|          | 31       |  |  |  |  |  |  |  |  |              |   |          | 81       |                 |          |          |               |              |          | Γ |
|          | 32       |  | $\vdash$   | $\vdash$   | _  | $\vdash$   |  |  |  |              |   |          | 82       |                 |          |          | _             |              |          | T |
|          | 33       |  |  |  |  |  |  |  |  |              |   |          | 83       | П               |          |          |               |              |          | T |
|          | 34       |  |  |  | -  |  |  |  |  |              |   |          | 84       | П               |          |          |               |              |          | T |
|          | 35       |  |  |  | Г  |  |  |  |  |              |   |          | 85       | П               |          |          |               |              |          | Γ |
|          | 36       |  |  |  |  |  |  |  |  |              |   |          | 86       | $\Box$          |          |          |               |              | Г        | T |
|          | 37       |  |  | <u> </u>   |  |  | Г  |  |  | Г            |   |          | 87       | П               |          |          |               |              |          | T |
|          | 38       |  |  |  |  | T  | Г  | Г  |  |              |   |          | 88       | $\Box$          |          |          |               |              | T        | T |
|          | 39       |  | Г  |  | Т  |  | Г  | П  | $\Box$   |              |   |          | 89       | П               |          |          | <u> </u>      |              | Г        | T |
|          | 40       |  | Ι_   |  |  |  | Г  | П  | П  |              |   |          | 90       | $  \neg  $      | $\neg$   | _        |               | -            | Г        | T |
|          | 41       | <del>                                     </del> | T  |  | Т  |  | Г  | Т  |  | $\vdash$     |   |          | 91       |                 | _        |          | Т             | <u> </u>     | Т        | T |
|          | 42       | Г  | Т  |  |  |  | Г  |  |  | $\vdash$     | l |          | 92       | $\vdash$        | ヿ        |          |               | Т            | П        | T |
| <b>—</b> | 43       |  | $\vdash$   | $\vdash$   | <u> </u>   |  | <del>                                     </del> | <del>                                     </del> | -  |              |   |          | 93       | Н               | $\dashv$ | $\vdash$ | $\vdash$      |              | Т        | t |
|          | 44       | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | -            | ĺ |          | 94       | Н               |          |          |               |              | 一        | t |
|          | 45       | <u> </u>   | $\vdash$   |  |  |  | <del>                                     </del> |  |  | $\vdash$     |   |          | 95       | $\vdash$        | -        | _        | $\vdash$      | $\vdash$     | $\vdash$ | t |
|          | 46       | $\vdash$   |  | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |   | <b></b>  | 96       | $\vdash$        | $\dashv$ | _        | -             | $\vdash$     | 1        | t |
|          | 47       |  | $\vdash$   | 1  | _  | <del>                                     </del> | $\vdash$   | <del>                                     </del> | <del>                                     </del> | _            |   |          | 97       | $\vdash$        | ᅥ        | $\vdash$ | $\vdash$      | $\vdash$     | ┢        | t |
|          | 48       |  | $\vdash$   |  |  |  |  |  |  | $\vdash$     |   |          | 98       | $\vdash \vdash$ | $\dashv$ |          |               |              | $\vdash$ | t |
|          | 49       | 1  | -  | <del>                                     </del> | 1  | <del>                                     </del> | $\vdash$   |  |  |              |   |          | 99       | $\vdash \vdash$ |          | $\vdash$ | -             | -            | $\vdash$ | t |
| <b>—</b> | 50       | <del>                                     </del> | <del>                                     </del> | -  | <del>                                     </del> |  |  | <del>                                     </del> |  | -            |   | $\vdash$ | 100      | H               | -        |          | $\vdash$      | -            | ┢        | + |
|          | , 55     | Ц  |  |  |  |  | 1  |  | i  |              | 1 |          |          | Щ.              |          |          | —             |              |          | _ |

| Cla          | aim      |  |  |  | (            | Date     |          |          |          |          |
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| Final        | Original |  |  |  |              |          |          |          |          |          |
|              | 51       |  |  |  |              |          |          |          |          |          |
|              | 52<br>53 |  |  |  |              |          |          |          |          |          |
|              | 53       |  | Ш  |  |              |          |          |          |          |          |
|              | 54<br>55 |  |  |  | _            |          |          | <u> </u> |          |          |
|              | 55       |  | _  |  |              | _        |          | L        |          |          |
|              | 56<br>57 |  |  |  |              |          |          |          |          |          |
| ļ            | 57       |  | _  | _  | _            |          |          | <u> </u> |          | _        |
| <u> </u>     | 58       |  |  |  |              | _        |          | _        |          |          |
| <u> </u>     | 59       |  | _  | _  | _            | _        |          | <u> </u> | _        | -        |
|              | 60       |  |  |  |              | <u> </u> |          | _        | _        | _        |
|              | 61       | $\vdash$   | _  | _  | -            |          |          | <u> </u> | _        | L        |
| -            | 62       | _  |  | -  | <u> </u>     |          |          | $\vdash$ | -        | -        |
| _            | 63       | H  | $\vdash$   | $\vdash$   | $\vdash$     |          |          | _        | _        | _        |
|              | 64<br>65 |  | -  | <del> </del>                                     | <u> </u>     |          |          | -        |          | $\vdash$ |
|              | 66       | -  | -  | -  | -            |          |          | $\vdash$ |          |          |
| -            | 67       | -  | -  | -  | <u> </u>     |          |          | $\vdash$ | H        |          |
| -            | 68       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |          |          |          |          | -        |
|              | 69       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | _        |          | $\vdash$ |          | _        |
|              | 70       | $\vdash$   | ├─   |  | -            |          |          | $\vdash$ |          | -        |
|              | 71       | $\vdash$   | -  | _  | _            |          | _        | $\vdash$ |          | -        |
| -            | 71<br>72 | -  |  | -  |              |          |          | _        |          |          |
|              | 73       | -  |  |  | _            |          |          | $\vdash$ |          | _        |
|              | 74       |  | _  |  |              |          |          | Т        |          |          |
|              | 74<br>75 |  |  |  |              |          |          |          |          |          |
|              | 76<br>77 |  |  |  |              |          |          |          |          |          |
|              | 77       |  |  |  |              |          |          |          |          |          |
|              | 78       |  |  |  |              |          |          |          |          |          |
|              | 79       |  |  |  |              |          |          |          |          |          |
|              | 80       |  |  |  |              |          |          |          |          |          |
| <u></u>      | 81       |  | L  |  | L            |          |          | _        |          |          |
|              | 82<br>83 | _  | L.   | _  |              |          |          |          |          |          |
| <u> </u>     | 83       | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     |          | _        | <u> </u> |          |          |
|              | 84<br>85 | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u>     | $\vdash$ | <u> </u> | <u> </u> | H        | _        |
|              | 85       | -  | _  | -  | <u> </u>     | _        | _        | <u> </u> | _        |          |
|              | 86       | ├  | $\vdash$   | <del> </del>                                     | $\vdash$     | H        | $\vdash$ | <u> </u> | H        |          |
| -            | 87<br>88 | -  |  |  | -            | $\vdash$ | <u> </u> | $\vdash$ | $\vdash$ |          |
|              | 89       | -  | -  | <del> </del>                                     | <del> </del> | -        | $\vdash$ | $\vdash$ | H        | $\vdash$ |
| <u> </u>     | 90       | $\vdash$   |  |  | -            |          | $\vdash$ | $\vdash$ |          | $\vdash$ |
| <del> </del> | 91       | <del>                                     </del> | <del>                                     </del> |  | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$ |          | $\vdash$ |
| -            | 92       | -  |  | <del>                                     </del> | -            |          | Н        | $\vdash$ | $\vdash$ | $\vdash$ |
|              | 93       |  |  |  |              |          | Т        |          |          | H        |
|              | 94       |  |  |  |              |          | Т        |          |          | $\vdash$ |
|              | 95       |  |  |  |              |          | Г        |          |          | $\vdash$ |
|              | 96       |  |  |  |              |          |          |          | Г        |          |
|              | 97       |  |  |  |              |          |          |          |          |          |
|              | 98       |  |  |  |              |          |          |          |          |          |
|              | 99       |  |  |  |              |          |          |          |          | L        |
| 1            | 100      |  |  | 1  |              | 1 "      |          | 1        |          |          |

| Clai   |   |   |          | (  | Date        | e        |  |          |          |                 |
|--|---|---|----------|--|-------------|----------|--|----------|----------|-----------------|
| 1 1  |   |   |          |  |             |          |  |          |          |                 |
| Final  | Original  |   |          |  |             |          |  |          |          |                 |
| III  | Ö   |   |          |  |             |          |  |          |          |                 |
|  |   |   | -        |  | _           | _        |  | -        | -        | $\dashv$        |
|  | 102   |   |          |  |             | _        | ├─   | -        | -        | Н               |
| <del>   </del>                                   | 101<br>102<br>103   |   |          |  |             |          | $\vdash$   |          | $\vdash$ | $\vdash$        |
| <del>                                     </del> | 104   |   |          |  |             |          | $\vdash$   |          |          | Н               |
| 1  | 104<br>105  |   |          |  |             |          | $\vdash$   |          | $\vdash$ | H               |
| 1 1  | 106   |   |          |  |             |          | _  | $\vdash$ |          |                 |
|  | 107   |   |          |  |             |          | $\vdash$   |          |          | П               |
| 1  | 108<br>109<br>110   |   |          |  |             |          | Г  | Г        |          | $\neg$          |
| 1  | 109   |   |          |  |             |          | Г  | $\vdash$ |          |                 |
|  | 110   |   |          |  |             |          |  | П        |          | $\Box$          |
|  | 111   |   |          |  |             |          |  |          |          |                 |
|  | 112   |   |          |  |             |          |  |          |          |                 |
|  | 113   |   |          |  |             |          |  |          |          |                 |
|  | 114   |   |          |  |             |          |  |          |          |                 |
|  | 115   |   |          |  |             |          | L  |          |          |                 |
|  | 116   |   |          | L  |             |          |  |          |          | Ш               |
|  | 112<br>113<br>114<br>115<br>116<br>117                                    |   |          |  | Ш           | Ш        | $\vdash$   |          |          | Ш               |
|  | 118   |   |          |  |             |          | L  |          |          |                 |
|  | 119   |   |          | _  |             | L        | <u> </u>   |          |          |                 |
|  | 120   |   |          | _  | _           | _        | _  |          |          |                 |
|  | 121   |   | <u> </u> |  |             |          | _  | _        | _        | -               |
|  | 122   |   |          |  |             | _        | <u> </u>   | _        | _        | -               |
| -  | 123   |   | _        |  |             |          | <u> </u>   |          | -        | -               |
|  | 125   |   |          | -  |             | _        |  | _        | -        | -               |
|  | 126   |   |          | H  | _           | $\vdash$ | ┢╌   | -        | -        | $\vdash$        |
| <del>                                     </del> | 127   |   |          |  |             |          | $\vdash$   | $\vdash$ |          |                 |
|  | 128   |   |          | $\vdash$   |             |          | <del>                                     </del> | $\vdash$ |          | $\vdash$        |
|  | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | _ | _        |  |             |          |  | $\vdash$ |          | П               |
|  | 130   |   |          |  |             |          |  |          |          |                 |
|  | 131<br>132  |   |          |  |             |          | Г  | Г        |          | П               |
|  | 132   |   |          |  |             |          |  |          |          |                 |
|  | 133   |   |          |  |             |          |  |          |          |                 |
|  | 134   |   |          | _  | _           |          | _  | _        |          |                 |
|  | 135   |   |          |  | _           | _        | ļ  | _        |          |                 |
|  | 136<br>137  |   |          | L  |             |          | <u> </u>   |          |          |                 |
|  | 137   |   |          | L  | _           | _        | <u> </u>   |          | L        |                 |
|  | 138   | _ |          | H  |             | -        | ⊢  | -        | H        |                 |
| <del>-  </del>                                   | 139<br>140  |   |          | H  | $\vdash$    | $\vdash$ | ⊢  | _        | -        | -               |
| <del>     </del>                                 | 141   | _ |          | $\vdash$   | $\vdash$    | $\vdash$ | ┢  | _        | $\vdash$ | $\dashv$        |
| <del>                                     </del> | 142   |   |          | $\vdash$   |             |          | $\vdash$   | _        |          | $\vdash$        |
|  | 143   | _ |          | $\vdash$   | $\vdash$    | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash \vdash$ |
|  | 144   |   | $\vdash$ | <del>                                     </del> |             | _        | _  | _        |          | $\vdash$        |
|  | 145   |   |          | $\vdash$   | <del></del> |          |  | Г        |          |                 |
|  | 146   |   |          | <u> </u>   | T           |          |  | l —      |          | П               |
|  | 147   |   |          |  |             |          |  |          |          | П               |
|  | 148   |   |          |  |             |          |  |          |          |                 |
|  | 149   |   |          |  |             |          |  |          |          |                 |
|  | 150   |   |          |  |             |          |  |          |          |                 |